AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.   (currently amended): An image processing apparatus for processing an image based on an image data set including main image data that represents a main image, thumbnail image data that represents a thumbnail image of the main image, and color space identification information that expresses a color space related to the main image data, the main image data and the thumbnail image data and the color space identification information being associated with one another, wherein the color space identification information can indicate which of multiple color spaces including a prescribed standard color space and a particular color space is to be used, the image processing apparatus comprising:

a data processor configured to select either one of the main image data and the thumbnail image data as processing target image data, and to execute processing including color space conversion ~~to~~ of the processing target image data,

wherein the data processor:

if the thumbnail image is the processing target, executes a prescribed basic color space conversion regardless of content of the color space identification information to obtain first converted image data of the thumbnail image ~~when the thumbnail image is the processing target, while the data processor,~~ and

<u>if the main image is the processing target,</u> executes a specified color space conversion utilizing a color space specified by the color space identification information to obtain second converted image data of the main image ~~when the main image is the processing target~~,

the first and second converted image data being expressed by an identical color system.

2.   (original): An image processing apparatus according to Claim 1, wherein the color space specified by the color space identification information is the particular color space.

3.   (currently amended):   A method for processing an image, comprising ~~the steps of~~:

~~(a)~~ providing an image data set including main image data that represents a main image, thumbnail image data that represents a thumbnail image of the main image, and color space identification information that expresses a color space related to the main image data, the main image data and the thumbnail image data and the color space identification information being associated with one another;

~~(b)~~ <u>if the thumbnail image is the processing target,</u> executing a prescribed basic color space conversion regardless of content of the color space identification information to obtain first converted image data of the thumbnail image ~~when the thumbnail image is the processing target~~; and

~~(c)~~ <u>if the thumbnail image is the processing target,</u> executing a specified color space conversion utilizing a color space specified by the color space identification information to

3

obtain second converted image data of the main image ~~when the main image is the processing target~~,

the first and second converted image data being expressed by an identical color system.

4. (original): An image processing method according to Claim 3, wherein the color space specified by the color space identification information is the particular color space.

5. (currently amended): A computer program product for reproducing an image based on an image data set including main image data that represents a main image, thumbnail image data that represents a thumbnail image of the main image, and color space identification information that expresses a color space related to the main image data, the main image data and the thumbnail image data and the color space identification information being associated with one another, the computer program product comprising:

a computer-readable medium; and

a computer program stored on the computer-readable medium,

wherein the color space identification information can indicate which of multiple color spaces including a prescribed standard color space and a particular color space is to be used,

the computer program comprising:

a function to execute, if the thumbnail image is the processing target, a prescribed basic color space conversion regardless of content of the color space identification

information to obtain first converted image data of the thumbnail image ~~when the thumbnail image is the processing target~~; and

a function to execute, if the thumbnail image is the processing target, a specified color space conversion utilizing a color space specified by the color space identification information to obtain second converted image data of the main image ~~when the main image is the processing target~~,

the first and second converted image data being expressed by an identical color system.

6.   (original): A computer program product according to Claim 5, wherein the color space specified by the color space identification information is the particular color space.

7.   (currently amended): An image display device, comprising

an information acquisition unit that acquires color space information that specifies a color space related to image data representing a main image; and

a display unit that,

if ~~when displaying~~ the main image is to be displayed, displays the main image ~~that have been~~ converted by a first color space conversion according to the color space information, and

if ~~when displaying~~ a thumbnail image of the main image is to be displayed, displays the thumbnail image ~~that have been~~ converted by a prescribed second color space conversion regardless of the color space information.

8.   (previously presented):   The image display device according to Claim 7, wherein the information acquisition unit acquires the color space information from an image data file containing the image data.

9.   (previously presented):   The image display device according to Claim 8, wherein the color space information specifies Adobe RGB color space.

10.   (previously presented):   The image display device according to Claim 9, wherein the display unit is able to display a plurality of the thumbnail images in a single window.

11.   (previously presented):   The image display device according to Claim 10, wherein the image data is JPEG compressed data.

12.   (previously presented):   The image display device according to Claim 8, wherein the color space information specifies a color space that is larger than sRGB color space.

13.   (previously presented): The image display device according to Claim 12, wherein the display unit is able to display a plurality of the thumbnail images in a single window.

14.   (previously presented): The image display device according to Claim 13, wherein the image data is JPEG compressed data.

15.   (previously presented): The image display device according to Claim 8, wherein the display unit is able to display a plurality of the thumbnail images in a single window.

16.   (previously presented): The image display device according to Claim 15, wherein the image data is JPEG compressed data.

17.   (previously presented): The image display device according to Claim 8, wherein the image data is JPEG compressed data.

18.   (currently amended): An image display method, comprising:

acquiring color space information that specifies a color space related to image data representing a main image; and

if when displaying the main image is to be displayed, displaying the main image that have been converted by a first color space conversion according to the color space information, and

~~if~~when displaying a thumbnail image of the main image is to be displayed, displaying the thumbnail image ~~that have been~~ converted by a prescribed second color space conversion regardless of the color space information.

19.   (currently amended): A computer program product for displaying an image, comprising:

a computer readable medium; and

a computer program stored on the computer readable medium, the computer program includes:

a program code that causing a computer to acquire color space information that specifies a color space related to image data representing an main image; and

a program code that causes~~causing~~ the computer,

~~if~~when displaying the main image is to be displayed, to display the main image ~~that have been~~ converted by color space conversion according to the color space information, and

~~if~~when displaying a thumbnail image of the main image is to be displayed, to display the thumbnail image ~~that have been~~ converted by a prescribed color space conversion regardless of the color space information.

20.   (new): The image processing apparatus according to Claim 2, wherein the processing target image data is to be displayed, and wherein the particular color space is larger than sRGB color space.

21.   (new): The image processing method according to Claim 4, wherein the processing target image data is to be displayed, and wherein the particular color space is larger than sRGB color space,

22.   (new): The image processing apparatus according to Claim 2, wherein the processing target image data is to be printed, and wherein the particular color space is larger than sRGB color space.

23.   (new): The image processing method according to Claim 4, wherein the processing target image data is to be printed, and wherein the particular color space is larger than sRGB color space,

24.   (new): The image display device according to Claim 7, wherein the image display device is provided in a printer.

25.   (new): The image reproducing apparatus, comprising

an information acquisition unit that acquires color space information that specifies a color space related to image data representing a main image; and

a display unit that,

if the main image is to be displayed, displays the main image converted by a first color space conversion according to the color space information, and

if a thumbnail image of the main image is to be displayed, displays the thumbnail image converted by a prescribed second color space conversion regardless of the color space information.

26.   (new): The image reproducing apparatus according to Claim 25, wherein the color space information specifies a color space that is larger than sRGB color space, and

wherein the image reproducing apparatus is a printer.

27.   (new): The image reproducing apparatus according to Claim 25, wherein the color space information specifies a color space that is larger than sRGB color space, and

wherein the image reproducing apparatus is a computer.

28.   (new): The image display method according to Claim 18, wherein

the acquiring color space information includes acquiring the color space information from an image data file containing the image data.

29.   (new): The image display method according to Claim 28, wherein the color space information specifies Adobe RGB color space.

30.   (new): The image display method according to Claim 29, wherein a plurality of the thumbnail images are displayed in a single window.

31.   (new): The image display method according to Claim 30, wherein the image data is JPEG compressed data.